



ALTERNATIVE TO PTO/SB/08a/b (07-05)

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| Substitute for form 1449/PTO<br><br><b>INFORMATION DISCLOSURE<br/>STATEMENT BY APPLICANT</b><br><br>(Use as many sheets as necessary) |               |    | <b>Complete if Known</b> |                        |              |
|   |               |    | Application Number       | 10/647,737-Conf. #2299 |              |
|   |               |    | Filing Date              | August 25, 2003        |              |
|   |               |    | First Named Inventor     | Arvind D. Patel        |              |
|   |               |    | Art Unit                 | 1712                   |              |
| Examiner Name   | C. R. Richard |    |                          |                        |              |
| Sheet   | 1             | of | 2                        | Attorney Docket Number | 05542/073001 |

| U.S. PATENT DOCUMENTS |                          |  |                                |  |   |
|-----------------------|--------------------------|--|--------------------------------|--|---|
| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Document Number                          | Publication Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines, Where<br>Relevant Passages or Relevant<br>Figures Appear |
|                       |                          | Number-Kind Code <sup>2</sup> (if known) |                                |  |   |
| MF                    | AA*                      | US-5,237,080                             | 08-17-1993                     | Peter Daute  |   |
| MF                    | AB*                      | US-5,254,531                             | 10-19-1993                     | Mueller et al.                                     |   |
| MF                    | AC*                      | US-5,441,927                             | 08-15-1995                     | Mueller et al.                                     |   |
| MF                    | AD*                      | US-6,289,989                             | 09-18-2001                     | Mueller et al.                                     |   |

| FOREIGN PATENT DOCUMENTS |                          |   |                                   |  |   |                |
|--------------------------|--------------------------|---|-----------------------------------|--|---|----------------|
| Examiner<br>Initials*    | Cite<br>No. <sup>1</sup> | Foreign Patent Document   | Publication<br>Date<br>MM-DD-YYYY | Name of Patentee or<br>Applicant of Cited Document | Pages, Columns, Lines,<br>Where Relevant Passages<br>or Relevant Figures Appear | T <sup>6</sup> |
|                          |                          | Country Code <sup>3</sup> -Number <sup>4</sup> -Kind Code <sup>5</sup> (if known) |                                   |  |   |                |
| MF                       | BA                       | WO-95/26386-A1  | 10-05-1995                        | Heriot-Watt University<br>(GB/GB)                  |   |                |
| MF                       | BB                       | WO-96/22342-A1  | 07-25-1996                        | Baroid Technology, Inc.                            |   |                |
| MF                       | BC                       | WO-02/053675-A1   | 07-11-2002                        | Halliburton Energy Services,<br>Inc. et al.        |   |                |
| MF                       | BD                       | WO-02/053676-A1   | 07-11-2002                        | Halliburton Energy Services,<br>Inc. et al.        |   |                |
| MF                       | BE                       | CA-2088697  | 02-20-1992                        | Henkel<br>Kommanditgesellschaft Auf<br>Aktien      |   |                |

\*EXAMINER: Initial if information considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

| NON PATENT LITERATURE DOCUMENTS |                       |  |  |  |                |
|---------------------------------|-----------------------|--|--|--|----------------|
| Examiner Initials*              | Cite No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.  |  |  | T <sup>2</sup> |
| MF                              | CA                    | Kim Burrows et al., "New Low Viscosity Ester is Suitable for Drilling Fluids in Deepwater Applications, " SPE/IADC 66553, presented at the SPE/EPA/DOE Exploration and Production Environmental Conference held in San Antonio, Texas, Feb. 26-28, 2001, (Pages 1-14)                                    |  |  |                |
| MF                              | CB                    | Baroid Drilling Fluids PETROFREE Biodegradable Invert Emulsion Drilling Fluid (1993) & RM-63 Rheology Modified (1990) product brochures (10 pages)   |  |  |                |
| MF                              | CC                    | L. Knox et al., "New Developments in Ester-based Mud Technology, " AADE-02-DFWM-HO-41, presented at the AADE 2002 Technology Conference held in Houston, Texas, Apr. 2-3, 2002 (Pages 1-9)   |  |  |                |
| MF                              | CD                    | L. Fraser, "Field Application of the All-Oil Drilling Fluid Concept, " IADC/SPE 19955, presented at the 1990 IADC/SPE Drilling Conference held in Houston, Texas, Feb. 27-Mar. 2, 1990 (Pages 363-370)   |  |  |                |
| MF                              | CE                    | C. Cameron, "Drilling Fluid Design and Management for Extended Reach Drilling, " IADC/SPE 72290, presented at the IADC/SPE Middle East Drilling Technology meeting held in Bahrain, Oct. 22-24, 2001 (Pages 1-7)   |  |  |                |
| MF                              | CF                    | Daniel Eckhout et al., "Development Process and Field Applications of a New Ester-based Mud System for ERD Wells on Australia's Northwest Shelf," IADC/SPE 62791, presented at the 2000 IADC/SPE Asia Pacific Drilling Technology meeting held in Kuala Lumpur, Malaysia, Sept. 11-13, 2000 (Pages 1-14) |  |  |                |

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| Examiner<br>Signature | /Michael Feely/ | Date<br>Considered | 01/19/2007 |
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| Sheet  | 2 | of | 2 | Attorney Docket Number   | 05542/073001           |

|    |    |   |  |
|----|----|---|--|
| MF | CG | Luigi F. Nicora et al., "High-Density Invert-Emulsion System with Very Low Solids Content to Drill ERD and HPHT Wells," SPE 65000, presented at the 2001 SPE International Symposium on Oilfield Chemistry held in Houston, Texas, Feb. 13-16, 2001(Pages 1-17) |  |
| MF | CH | M. Mas et al., "A New High-Temperature Oil-Based Drilling Fluid," SPE 53941, presented at the 1999 SPE Latin American and Caribbean Petroleum Engineering Conference held in Caracas, Venezuela, Apr. 21-23, 1999 (Pages 1-14)                                  |  |

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